

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

RECEIVED

MAY 26 1982

Form C-103  
Revised 10-1-78

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)

O. C. D.  
ARTESIA, OFFICE

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
2. Name of Operator Yates Petroleum Corporation ✓		5. State Oil & Gas Lease No. L-4283
3. Address of Operator 207 South 4th St., Artesia, NM 88210		7. Unit Agreement Name
4. Location of Well UNIT LETTER 0 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 6S RANGE 25E N.M.P.M.		8. Farm or Lease Name Cottonwood Ranch MK St.
		9. Well No. 4
		10. Field and Pool, or Wildcat Pecos Slope Abo
11. Elevation (Show whether DF, RT, GR, etc.) 3693.3' GR		12. County Chaves

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded a 14-3/4" hole 3:00 PM 5-9-82. Set 60' of 20" conductor pipe. Ran 22 joints of 10-3/4" 40.5# J-55 ST&C casing set at 865'. 1-Texas Pattern guide shoe set 865'. Insert float at 825'. Cemented w/500 sacks Howco Lite, 1/4#/sack flocele and 2% CaCl<sub>2</sub>. Tailed in w/200 sacks Class "C" 2% CaCl<sub>2</sub>. Compressive strength of cement - 1250 psi in 12 hours. PD 5:45 PM 5-11-82. Bumped plug to 900 psi, released pressure and float held okay. Cement circulated 50 sacks. WOC. Drilled out at 11:45 AM 5-12-82. WOC 18 hours. Nipped up and tested to 1000 psi, okay. Reduced hole to 9-7/8". Drilled plug and resumed drilling.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Engineering Secretary DATE 5-21-82  
APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE MAY 28 1982

CONDITIONS OF APPROVAL, IF ANY:



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

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O. C. D.

ARTESIA, OFFICE

Form 5101  
Revised 10-1-78

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

L-4283

7. Unit Agreement Name

8. Farm or Lease Name

Cottonwood Ranch "MK"

9. Well No. State

4

10. Field and Pool, or Wildcat

Pecos Slope Abo

12. County

Chaves

19. Proposed Depth

4250'

19A. Formation

Abo

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DT, KT, etc.)

3693.3' GL

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

L&M #2

22. Approx. Date Work will start

ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	40.5# J-55	875'	580 sx	circulated
7 7/8"	4 1/2"	9.5#	TD	350 sx	

We propose to drill and test the Abo and intermediate formations. Approximately 875' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW gel and LCM to 875', KCL & starch to 3500', Brine & KCL water to TD.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 11-7-82

UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

and Ken Beardsley Title Regulatory Coordinator Date 5/6/82

(This space for State Use)

PROVED BY Mike Walker TITLE OH AND GAS INSPECTOR DATE MAY - 7 1982

CONDITIONS OF APPROVAL, IF ANY:

MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

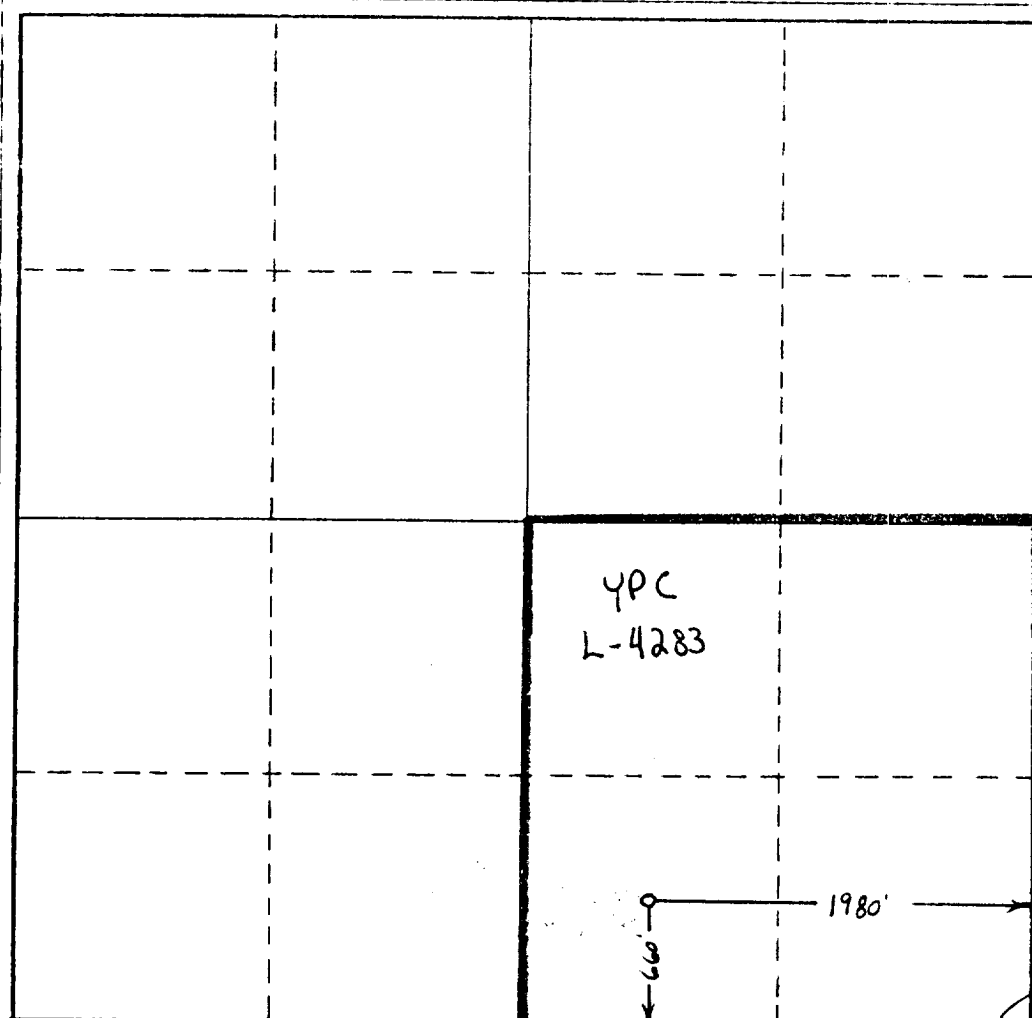
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Cottonwood Ranch "MK" State</b>		Well No. <b>4</b>
Unit Letter <b>0</b>	Section <b>36</b>	Township <b>6 South</b>	Range <b>25 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>south</b> line and <b>1980</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3693.3' GL</b>	Producing Formation <b>Abo</b>		Pool <b>Pecos Slope Abo</b>		Dedicated Acreage: <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Ken Beardemphl*  
Name

Ken Beardemphl

Position  
Regulatory Coordinator

Company  
Yates Drilling Co.

Date  
5/6/82

I hereby certify that the well location shown on this plat was plotted from field notes of HERSHEL JONES made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



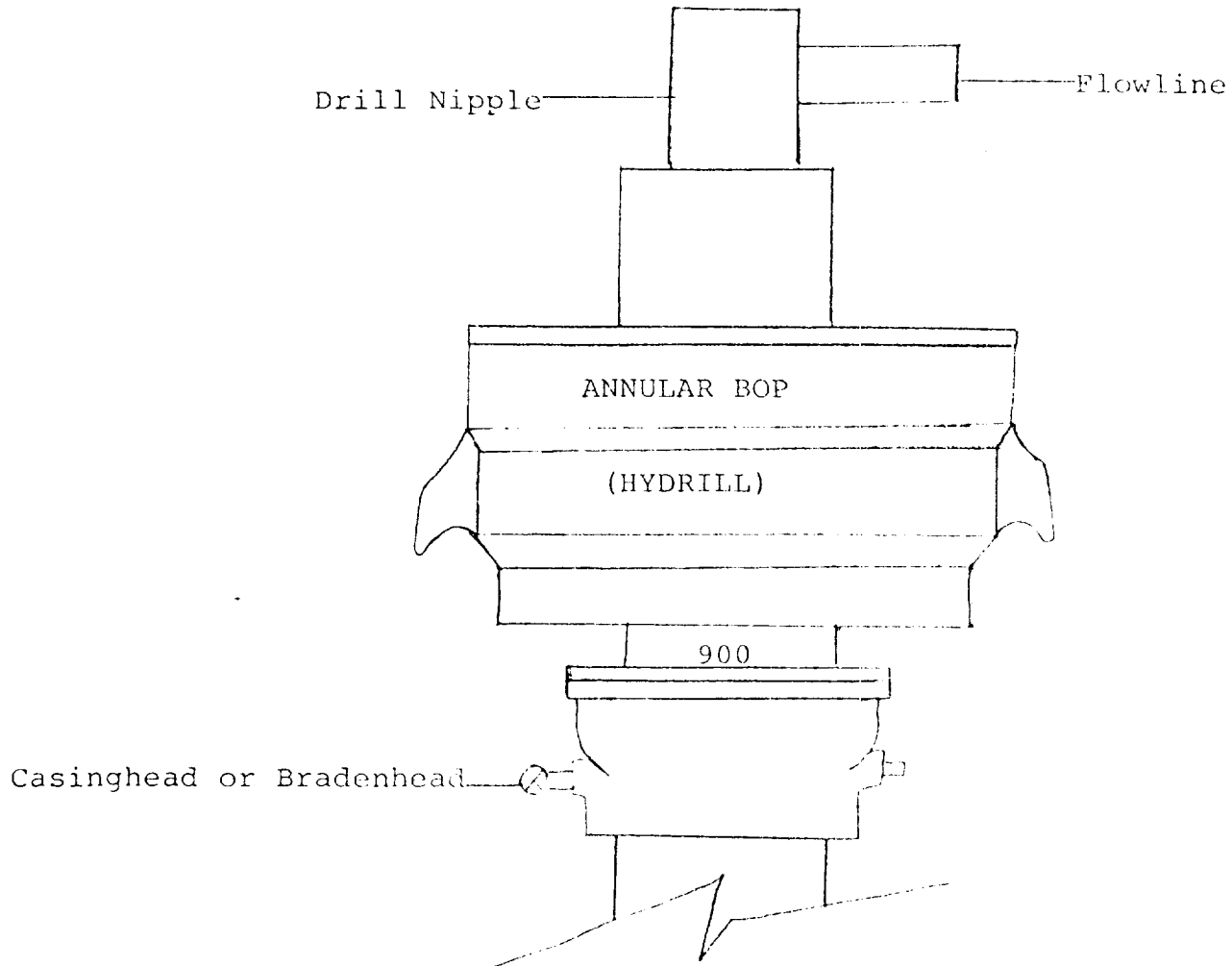
Date Surveyed  
May 3, 1982

Registered Professional Engineer and/or Land Surveyor

*Herschel Jones*

Certificate No.  
3640

EXHIBIT A



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
2. All connections from operating manifolds to preventers to be all steel. Hole or tube a minimum of one inch in diameter.
3. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the BOP's.
4. All connections to and from preventer to have a pressure rating equivalent to that of the BOP's.
5. Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.